

Date: 10/20/94

Project Engineer: Jon Duffin

ECN # 13

Product: dbx 266

Assy. Name: Main/Display PCB

Assy. Number: 05-6148

Revision: A1 To: A2

Reason For Change: LEDS are being stressed, Display Board leads are Shorting out to top of chassis.

Instructions:

1. Install all LEDS on solder side of board. Do not bend or clip LED leads.
2. Use the 1" 4-40 Standoff DOD# 28-1006.

Retrofit to all Boards without LEDS installed.

**** Delete ****		Quantity	
Item Description	Item #	From	To
Standoff, Hex, 4-40x1.08	28-3331	3	0

**** Add ****		Quantity	
Item Description	Item #	From	To
Standoff, Hex 4-40x1	28-1006	0	3

Reason for Change	Reason:	Effectivity / Priority	Priority:	Signatures	Date
Continuous Improvement	<input checked="" type="checkbox"/> CI	After Depletion of Current	<input type="checkbox"/> ADC	Engineering Manager	10/20/94
Cost Reduction	<input type="checkbox"/> CR	Next Job Release	<input type="checkbox"/> NJR	Materials	10-20-94
Marketing Change	<input type="checkbox"/> MC	Rework Parts		Set Effectivity Below	
Manufacturing Release	<input type="checkbox"/> MR	On Order	<input type="checkbox"/> ROO	Manufacturing Engineering	10/20/94
Omission or Error	<input type="checkbox"/> OE	In Stock	<input type="checkbox"/> RIS		10/20/94
Product Enhancement	<input type="checkbox"/> PE	In Process W/O LEDS	<input checked="" type="checkbox"/> RIP	Project Engineer	10/20/94
Regulatory Requirement	<input type="checkbox"/> RR	In Finished Goods	<input type="checkbox"/> RIF	All Documents approved	10-20-94
Software Update	<input type="checkbox"/> SU	Other: Explain		Effectivity	10-20-94
Specification Change	<input type="checkbox"/> SC				
Other:					
See Attached Impact Sheet		Cost Δ \$ +0.03		ECN Distribution	10/20/94

ECN_B October 13, 1994

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Lev	Item	Description	U/M	Qty	Per	P/I/J	Type	P/M	Stock
2	22-0005	BUMPS ROUND BLACK 28540	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	PACKAGING			0.00000	Lot	P	(O)ther	M	No
2	28-0074	10-32 TRUSS HEAD SCREW BLACK FOR SHIPPIN	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	28-0217	NYLON WASHER .20.430.065 BLACK FOR SHIP	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	30-1205	LABEL SERIAL DBX 266/266-EU	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	18-2010	96046.000.02C USER MANUAL, DBX 266	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	20-0601	90027.001.01 CARTON, DBX PROJECT1	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	22-0254-B	CARTON PAD, DBX 120XP	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	22-0029	90210.242.01 POLY BAG, 10X24X.002 DIXON	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	28-3330	15213.000.01 CLIP,CABLE,NYLON,BLACK	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	PSDBXAC-1	29012.000.01 XF,WALL MOUNT DOMESTIC AC-1	EA	1.00000	Unit	I	(M)aterial	P	Yes

Lev	Item	Description	U/M	Qty	Per	P/I/J	Type	P/M	Stock
3	72-4261	24724.902.01 IC,RMS,UPC1253HA2	EA	2.00000	Unit	I	(M)aterial	P	Yes
3	72-4262	24725.902.01 IC,VCA,UPC1252HA2	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	56-3101	21442.222.01 M/PLYES,RAD,63V,5%,.0022UF	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	56-3102	21442.347.01 M/PLYES,RAD,63V,5%,.047UF	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	56-3103	21442.368.01 M/PLYES,RAD,63V,5%,.068UF	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	56-3104	21445.422.01 M/PLYES,RAD,50V,5%,.22UF	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	56-3105	21445.439.01 M/PLYES,RAD,50V,5%,.39UF	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	60-0321	21207.810.01 ALUM,RAD, 35V,1000UF	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	60-0316	21209.510.01 ALUM,RAD,63V,1UF	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	60-0323	21209.522.01 ALUM,RAD,63V,2.2UF	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	60-0324	21209.633.01 ALUM,RAD,63V,33UF	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	60-0322	21251.622.01 ALUM,RAD,25V, 22UF NP	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	70-1035	23002.101.01 TR SIGNAL,PNP,2N4402	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	36-0095	27630.001.01 JUMPER, TEST POINT	EA	7.00000	Unit	I	(M)aterial	P	Yes
2	32-2110	27090.000.01 JACK,1/4"PHONE,R/A,PC MOUNT	EA	6.00000	Unit	I	(M)aterial	P	Yes
2	42-0222	20535.350.01 TRIM, 50K, HORZ, 10MM CAB	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	70-4131	24303.901.01 IC DC REG,15V,NEG,79M15AUC	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	70-4215	16013.000.01 HEATSINK,TO-220 #3075	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	WAVE SOLDER			0.00000	Lot	P	(O)ther	M	No
2	44-0027	MINI IN/OUT DPDT SWITCH (6 PIN) LOI #54	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	44-0026	MINI IN/OUT 4PDT SWITCH (12 PIN) LOI #54	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	32-2111	27421.010.01 HEADER,2X5,STR,.23"	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	32-2112	27525.000.01 CONN,DC SOCKET	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	70-2088	25111.111.01 LED,T1,KINGBRITE,C/B0.1 YEL	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	70-2087	25111.112.01 LED,T1,KINGBRITE,C/B0.1 GRN	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	70-2086	25111.113.01 LED,T1,KINGBRITE,C/B0.1 RED	EA	27.00000	Unit	I	(M)aterial	P	Yes
2	70-2100	25111.002.01 LED T-1 KINGBRITE GREEN	EA	8.00000	Unit	I	(M)aterial	P	Yes
2	40-2082	20837.000.01 SNGL, 15A LOG, 50K	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	40-2083	20838.000.01 SNGL,15A LOG, 20K	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	40-2081	20839.000.01 SNGL,5050B,D,50K	EA	8.00000	Unit	I	(M)aterial	P	Yes
2	40-2084	20841.000.01 SNGL,5015C,D,5K	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	38-0217	42028.030.01 SASY FLAT CABLE 16 PIN 3"	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	28-3328	10012.404.01 MS,PHL,IN,SE,ST,Z2,4-40X1/4	EA	3.00000	Unit	I	(M)aterial	P	Yes
2	28-3345	27091.000.01 WASHER,GROUND	EA	6.00000	Unit	I	(M)aterial	P	Yes
2	34-0125	19543.000.01 BUTTON,PUSH,BLACK	EA	3.00000	Unit	I	(M)aterial	P	Yes
2	70-4123	7815 +15V REGULATOR TO-220 1500MA BPO	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	28-1006	4-40 X 1 SPACER 1/4 HEX ALUMINUM	EA	3.00000	Unit	I	(M)aterial	P	Yes
1	04-0114	DBX266 MECHANICAL ASSEMBLY	EA	1.00000	Unit	I	(M)aterial	M	Yes
2	10-3626	50364.002.01S PANEL FRONT W/ DBX266#3227	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	10-3612	50367.000.04S SCRMT PNTD SHROUD DBX266	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	10-0280	50362.002.05 PNTMT SIDE PLATE DBX PJT1	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	34-0124	19544.005.01 KNOB,W/POINTER,GREEN	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	34-0123	19544.004.01 KNOB,W/POINTER,GRAY	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	34-0122	19544.003.01 KNOB,W/POINTER,ORANGE	EA	2.00000	Unit	I	(M)aterial	P	Yes
2	34-0121	19544.002.01 KNOB,W/POINTER,BLUE	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	34-0120	19544.001.01 KNOB,W/POINTER,RED	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	28-2439	11553.605.01 SMS,TX,PN,B,I,SM,S,B,6X5/16	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	28-3323	12902.004.01 NUT,HX,BRAS,M7X.75,2MM THIK	EA	14.00000	Unit	I	(M)aterial	P	Yes
2	28-3325	13901.001.01 WASHER,FLAT,STL,Z2,M7	EA	14.00000	Unit	I	(M)aterial	P	Yes
2	28-3326	13501.028.01 WASHER,LOCK,Z1,INTSTAR 7/16	EA	6.00000	Unit	I	(M)aterial	P	Yes
2	28-3328	10012.404.01 MS,PHL,IN,SE,ST,Z2,4-40X1/4	EA	3.00000	Unit	I	(M)aterial	P	Yes

Lev	Item	Description	U/M	Qty	Per	P/I/J	Type	P/M	Stock
2	PACKAGING			0.00000	Lot	P	(O)ther	M	No
2	28-0074	10-32 TRUSS HEAD SCREW BLACK FOR SHIPPIN	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	28-0217	NYLON WASHER .20.430.065 BLACK FOR SHIP	EA	4.00000	Unit	I	(M)aterial	P	Yes
2	30-1205	LABEL SERIAL DBX 266/266-EU	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	18-2010	96046.000.02C USER MANUAL, DBX 266	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	20-0601	90027.001.01 CARTON, DBX PROJECT1	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	22-0254-B	CARTON PAD, DBX 120XP	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	22-0029	90210.242.01 POLY BAG, 10X24X.002 DIXON	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	28-3330	15213.000.01 CLIP,CABLE,NYLON,BLACK	EA	1.00000	Unit	I	(M)aterial	P	Yes
2	PSDBXAC-1	29012.000.01 XF,WALL MOUNT DOMESTIC AC-1	EA	1.00000	Unit	I	(M)aterial	P	Yes

Item: dbx266 thru: dbx266 Prod Code: thru: Type: MTFO P/M: B Stocked: B ABC: ABC
Effective Date: 01/18/95

Lev	Item	Description	U/M	Qty Per	P/I/J	Type	P/M	Stock
0	DBX266	DBX PROJECT1 DUAL COMP/LIN/EXP/GATE	EA	1.00000			M	Yes
1	05-6148	31625.000V1 PCA MAINBD/DISPLAY BD DBX266	EA	1.00000 Unit	I	(M)aterial	M	Yes
2	12-6148	DBX266 MAIN AMISTAR ASSEMBLY	EA	1.00000 Unit	I	(M)aterial	M	Yes
3	80-6148-A	31626.000.05 PCB MAIN/DISPLAY DBX 266	EA	1.00000 Unit	I	(M)aterial	P	Yes
3	62-0060	21129.410.01 CER,50V,Z5U,AXL,20%,0.1UF	EA	26.00000 Unit	I	(M)aterial	P	Yes
3	62-0061	21127.210.01 CER,100V,5%,AXL,NPO,1000PF	EA	10.00000 Unit	I	(M)aterial	P	Yes
3	62-0064	21127.047.01 CER,100V,5%,AXL,NPO, 47PF	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	70-0002	1N4148 DIODE TAPE-REEL CAB	EA	17.00000 Unit	I	(M)aterial	P	Yes
3	70-0009	22201.400.01 RECT,1A,400V,1N4004	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	70-0041	22013.000.01 ZNR,1/2W,10%,50V,2.7 1N5223	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	50-2442	20001.622.01 CF, 1/4W, 5% 22 MEG	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	50-0400	20086.200.01 RS,MINI,CF,1/8W,5%,20 OHM	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	50-0406	20086.470.01 RS,MINI,CF,1/8W,5%, 47 OHM	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	50-0401	20087.560.01 RS,MINI,CF,1/8W,5%, 560 OHM	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	50-0405	20088.300.01 RS,MINI,CF,1/8W,5%, 3.0K	EA	9.00000 Unit	I	(M)aterial	P	Yes
3	50-0409	20088.510.01 RS,MINI,CF,1/8W,5%, 5.1K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	50-0402	20090.150.01 RS,MINI,CF,1/8W,5%, 150K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	50-0485	20090.560.01 RS,MINI,CF,1/8W,5%,560K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	50-0404	20091.150.01 RS,MINI,CF,1/8W,5%, 1.5MEG	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	50-0408	20091.220.01 RS,MINI,CF,1/8W,5%, 2.2MEG	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	52-1618	20096.200.01 RS,MINI,MF,1/8W,1%, 200 OHM	EA	8.00000 Unit	I	(M)aterial	P	Yes
3	52-1622	20096.210.01 RS,MINI,MF,1/8W,1%, 210 OHM	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	52-1600	20096.475.01 RS,MINI,MF,1/8W,1%, 475 OHM	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	52-1623	20097.100.01 RS,MINI,MF,1/8W,1%, 1.0K	EA	12.00000 Unit	I	(M)aterial	P	Yes
3	52-1624	20097.200.01 RS,MINI,MF,1/8W,1%,2.0K	EA	12.00000 Unit	I	(M)aterial	P	Yes
3	52-1625	20097.301.01 RS,MINI,MF,1/8W,1%,3.01K	EA	1.00000 Unit	I	(M)aterial	P	Yes
3	52-1616	20097.499.01 RS,MINI,MF,1/8W,1%, 4.99K	EA	5.00000 Unit	I	(M)aterial	P	Yes
3	52-1626	20097.715.01 RS,MINI,MF,1/8W,1%, 7.15K	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	52-1627	20098.100.01 RS,MINI,MF,1/8W,1%, 10.0K	EA	9.00000 Unit	I	(M)aterial	P	Yes
3	52-1628	20098.127.01 RS,MINI,MF,1/8W,1%,12.7K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	52-1619	20098.169.01 RS,MINI,MF,1/8W,1%, 16.9K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	52-1629	20098.174.01 RS,MINI,MF,1/8W,1%, 17.4K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	52-1630	20098.200.01 RS,MINI,MF,1/8W,1%,20.0K	EA	8.00000 Unit	I	(M)aterial	P	Yes
3	52-1631	20098.249.01 RS,MINI,MF,1/8W,1%, 24.9K	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	52-1632	20098.301.01 RS,MINI,MF,1/8W,1%,30.1K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	52-1633	20098.324.01 RS,MINI,MF,1/8W,1%, 32.4K	EA	1.00000 Unit	I	(M)aterial	P	Yes
3	52-1634	20098.392.01 RS,MINI,MF,1/8W,1%, 39.2K	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	52-1620	20098.499.01 RS,MINI,MF,1/8W,1%, 49.9K	EA	10.00000 Unit	I	(M)aterial	P	Yes
3	52-1635	20099.100.01 RS,MINI,MF,1/8W,1%, 100K	EA	4.00000 Unit	I	(M)aterial	P	Yes
3	52-1621	20099.124.01 RS,MINI,MF,1/8W,1%,124.0K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	52-1636	20099.412.01 RS,MINI,MF,1/8W,1%, 412.0K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	52-1610	20099.523.01 RS,MINI,MF,1/8W,1%, 523.0K	EA	6.00000 Unit	I	(M)aterial	P	Yes
3	52-1637	20099.825.01 RS,MINI,MF,1/8W,1%, 825.0K	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	UNI PARTS			0.00000 Lot	P	(O)ther	M	No
3	72-4316	24207.202.01 IC 2 LIN NE5532N CAB	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	72-4320	24216.000.01 IC OPM TL074	EA	5.00000 Unit	I	(M)aterial	P	Yes
3	72-4321	24402.302.01 IC MLT DISC CA3046E BOND	EA	2.00000 Unit	I	(M)aterial	P	Yes
3	72-4306	24710.302.01 IC SPEC FUNC, LM339N	EA	8.00000 Unit	I	(M)aterial	P	Yes